

# MD70 (Repower)

## Main data

Rated power: 1500 kW  
Rotor diameter: 70 m  
Old model  
Class: IEC I/II  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 3848.5 m<sup>2</sup>  
Power density: 2.57 m<sup>2</sup>/kW  
Maximum speed: 19 rd/min  
Manufacturer: LM Glasfiber

## Tower

Minimum hub height: 65 m  
Maximum hub height: 114,5 m

## Weights

Nacelle: 56 t  
Rotor + hub: 33 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 95

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 13 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 1800 rd/min  
Voltage: 690 V